

Next GARS meeting is  
May 10, 2011  
at NAMAR  
2145 Duluth Hwy 120  
Duluth, GA 30097

The **GARzette**

The official newsletter of the Gwinnett Amateur Radio Society  
May 2011      <http://www.gars.org/>      Volume 20, Issue 5



## A note from the President

I hate to say it, but it seems another month has passed and we have another natural disaster on our hands. Tornadoes ripped up the Southeast April 27<sup>th</sup> and although Alabama took the brunt of the blow, Georgia was not spared. Locally, Gwinnett activated its Emergency Operations Center, and there were Skywarn nets all over the state. The destruction was wide spread, and we were lucky to be spared in Gwinnett. I have to say I am so proud of how amateur radio responds to emergency situations and to the level of professionalism I hear on our local nets.

Since our last newsletter we had the 50<sup>th</sup> Anniversary Georgia QSO Party. I am pleased that so many GARS members were active for the GQP. I do not know how we did in the points, but we had a fantastic showing. Thanks so much to all those who participated by helping to activate Greene, Gwinnett, and Taliaferro counties (listed alphabetically). My family and I went to the Greene county site at Lake Oconee and had a blast. Kudos to GARS members for its excellent representation during this event.

Another fun event GARS has coming up is an antenna build on June 11<sup>th</sup>. The build will be a 2 Meter tape measure Yagi used for radio direction finding. RDFing or Fox Hunting can be a lot of fun, and can be a very useful skill too. I hope we have a great turn out. If you are not interested in building one, you are still invited to come out and watch. More information on this event can be found elsewhere in this issue.

And finally the **really big news**. GARS has found a **new home** for our monthly meetings, called **NAMAR**. A debt of thanks is due to a lot of folks who spent a great deal of time and energy trying to locate a new meeting location for us. This is a fabulous place, with easy access, and I am very happy about this location. GARS has a great program coming up at its May meeting. I hope to see all of you at NAMAR on May 10<sup>th</sup>.



Kyle (the Fox) at the ARES Fox Hunt.

Wishing you good health, good wealth, and good hamming,

*Kyle W4KDA*

# GARS

## New Meeting Location

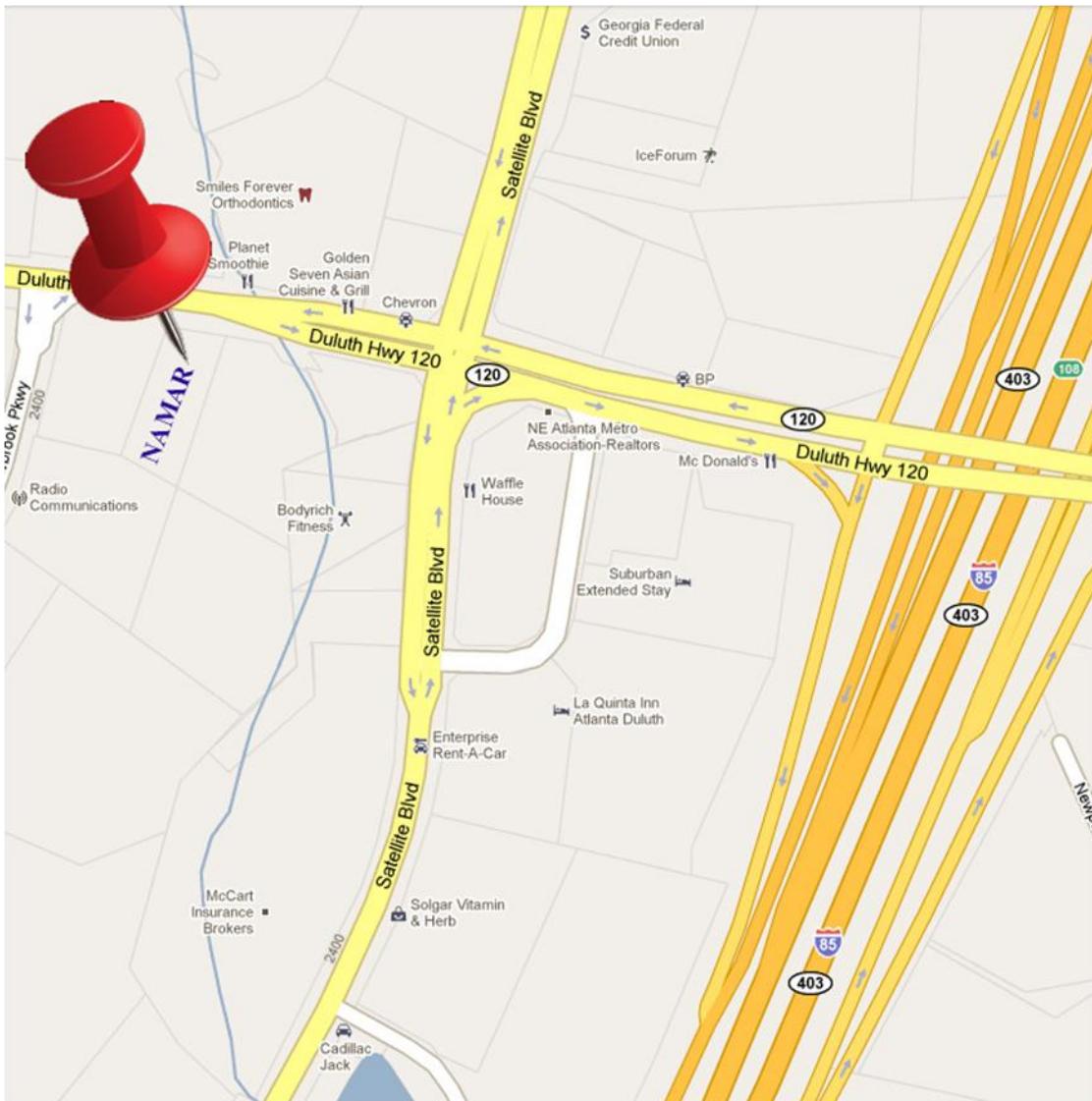
### Tuesday May 10<sup>th</sup>, 2011 7:00PM

NAMAR

2145 Duluth Hwy 120

Duluth, GA 30097

(where the red pin is)



There are 100 parking spots at NAMAR. Let's please leave the spots out front for our members who cannot walk very far. If you are able to walk a couple hundred feet, then please park in back and save the front spots for those with difficulty walking long distances. We have been asked to **enter through the front door**.

## Pictures of NAMAR



# From a Tourist to a Visitor

Brian R. Page, N4TRB

During spring break I had the opportunity to spend a week in Cambridge, England. Cambridge is home to the University of Cambridge, one of the oldest universities in the world, and has many famous sites such as King's College Chapel along with some fine museums.

For a techno-geek like me, the Cavendish Laboratory was a major attraction. The Cavendish Lab opened in 1874 with James Clerk Maxwell as the first director. Maxwell, of course, gave us Maxwell's equations that led to the recognition of light as an electromagnetic wave and the work of Heinrich Hertz that's the foundation of our hobby! And where would we be without the electron – discovered in the Cavendish by JJ Thomson.

Seeing the sights is pretty cool but in preparing for the trip I wondered how much cooler it could be to connect with some British hams. A little sleuthing turned up the Cambridge University Wireless Society (CUWS). To make a long story short, Martin Atherton, G3ZAY (Figure 1), became my host and I got quite a peek at the activities of the radio club. CUWS has been around a bit longer than GARS. It was founded in 1920 and counts several Nobel Prize winners amongst its past members.

Martin, although now retired from British Telecom, is a graduate of Emmanuel College, one of the 31 colleges that make up the University. So before getting down to any radio business he first gave my wife & me a private guided tour of his college. But after that it was off to the CUWS "shack." The club has occupied a number of sites since its founding including a location on the grounds of the Cavendish Laboratory. However, they were just recently evicted from the lab (something about radio frequency interference...). In any event, CUWS has a new location, a new building (a work in progress), that's just outside of the town on a university-operated farm (Figure 2).



A farm tractor passes by one of the two towers adjacent to the CUWS radio building. The club was relocated to this new site after running into interference issues at the world renowned Cavendish Laboratory.

As a club they're pretty much into all-bands, all-modes, and their antenna farm includes two towers, one a 65-foot crank-up tower along with HF, VHF, & UHF beams, and wires for the low bands. Rather uniquely, the club doesn't offer regularly scheduled meetings. Since many of the members are students, and extraordinarily busy, they instead meet informally at the local Maypole Pub each Thursday evening at 8:00 PM. This isn't to say that they never hold meetings! Occasionally the clubs hosts special presentations which take place at an alternative venue.

After the college and the shack, Martin drove us out to the Mullard Radio Telescope Observatory. This is the antenna site where Antony Hewish's graduate student Jocelyn Bell first detected pulsars; and Martin Ryle worked out long-baseline interferometry for high-resolution imaging of radio sources. Both Hewish and Ryle (G3CY) received Nobel prizes for their efforts. Following the afternoon with Martin – Atherton, not Ryle -- the next day I switched back into tourist mode for another round of sight-seeing; but that day was also a Thursday which, of course, meant the gathering at the Maypole Pub.

So on Thursday evening my wife & I indulged in the quintessential British tradition and met the CUWS crew at the Maypole for dinner and conversation. The chief topic was their upcoming Islands on the Air (IOTA) expedition to the Isle of Aaran. The club discussed their plans to operate as G3PYE/P from this little island off the west coast of Scotland in the Firth of Clyde. Unfortunately that evening was to be our last in Cambridge and after a few hours of talk we walked back to our bed & breakfast accommodations. Although reluctant to leave I was grateful for the ham radio connection through which we were transformed from mere tourists into visitors.



Martin Atherton, G3ZAY, seated at the HF position in the Cambridge University Wireless Association station. The club membership consists of students, alumni, and other hams from Cambridge and the surrounding areas. The club station is relatively new and the interior is still under construction.



N4TRB (wearing hat) with a handful of CUWS members at the Maypole Pub. The university was between sessions so quite a few students were away from school.

# Ham Radios Find Place in High-Tech World

By [JON RABIROFF](#)

Stars and Stripes

Published: March 27, 2011

SEOUL — Ham radios once played a key role in the operations of the U.S. military before fading into the background with the arrival of better and more accessible forms of communication like cell phones, the Internet and Skype.

But just when you start to think ham radios might go the way of rotary phones, 8-track tape players and phonographs, disaster strikes and the old war horses of communications fill a void in the response to emergencies.

Ham radio operators were widely credited with helping with emergency communications in the wake of the 9/11 attacks and Hurricane Katrina. Sixteen days ago when an earthquake and tsunamis devastated Japan, ham radio hobbyists and their outdated technology once again got involved in reconnecting families and guiding emergency aid where it was most needed.

"In the fairly early stages after the earthquake, several radio amateurs were able to activate their stations with car batteries or small-engine generators," Japan Amateur Radio League International Section Manager Ken Yamamoto said in an e-mail to Stars and Stripes. "They transmitted rescue requests and information on the disaster situation, including refugee centers and their needs and/or the availability of basic infrastructures, like electricity, water and gas supplies."

Yamamoto said information gathered from ham radio operators in the hardest hit areas of the country was "reported to the rescue and disaster relief organizations for their appropriate deployment."

Radio equipment manufacturers distributed hundreds of transceivers for use at relief and refugee centers, he said, which "should help ... to facilitate smooth and appropriate delivery of disaster-relief goods."

In some cases, ham radio operators also helped anxious people around the world find out about the welfare of loved ones in Japan.

Trevor Jones of British Columbia, Canada, called embassies and checked social media websites immediately after the earthquake, checking on the welfare of his son, Jonathon, but it was the ham radio of Jonathon's grandfather that played a key role in reconnecting him with the 32-year-old English teacher in Sendai, according to the Montreal Gazette.

"I think they've forgotten about ham radios," Trevor Jones is

quoted in the Gazette. "If you went back to the time when I was 32 years old, that was the only system that wouldn't break down."

## Military Connection

Ham radio may be a dying form of communication, but amateur-radio hobbyists don't want any static about their passion — one that appears to have a significant following among members of the U.S. military.



U.S. Army Maj. Scott Hedberg talks on the ham radio he has set up in his barracks room at Camp Red Cloud in South Korea

Jon Rabiroff/Stars and Stripes

"I will be the first to admit that using ham radio to communicate is far from being the most efficient means of communication," said U.S. Army Maj. Scott Hedberg, a ham-radio operator based at Camp Red Cloud in South Korea. "I think you can best look at it like, 'Why do people go horseback riding or ride bikes? Isn't there a more efficient way to get from A to Z?'

"Sure, but it is the enjoyment of the journey that is the key."

There are still references in military regulations to ham radio use. For example, U.S. Forces Korea regulations state that, "When directed, amateur radio operators will assist in providing communications for all types of disaster and will work with various relief agencies as necessary."

However, Hedberg said, "Just based on the robust communications we have here today ... I would think it would have to be fairly extreme circumstances, from a military standpoint, that they would be coming to me for any sort of assistance."

That has not stopped hobbyists — they number "in the hundreds" among active troops, Hedberg said — from spending their off hours spinning dials and connecting worldwide with others with a passion for the technology and quaintness of ham radio conversations.

Richard A. Bartlett, the 90-year-old author of "The World of Ham Radio, 1901-1950: A Social History," said, "Morse code

may be disappearing and hams declining in numbers, but what of the innovators?

"I think the curious, highly intelligent radio gadgeteer deserves a viable place in our society, including the military. Ham radio, in its social aspects, provides these bright, inquisitive people with contacts, rivalries, challenges and, yes, friends with similar interests.

"It would be tragic for their wonderful hobby to disappear."

### **Still needed**

For now, the hobby does not appear to be on its last legs: Today, there are an estimated 2 million ham radio enthusiasts around the world.

Hedberg explained there are a number of reasons people are still attracted to the ham radio hobby, despite the arrival of easier and more advanced forms of communication.

"Just the challenge involved," he said. "It takes a little bit to get everything set up right. There's a little bit of magic involved. Just being able to talk from here back to the United States is pretty cool.

"Can I pick up a phone and do that? Sure I can," he continued. "It's a tougher journey getting there, but I get a lot more satisfaction doing that."

Bartlett said, "Computers and the World Wide Web are wonderful, but dedicated hams are still necessary in times of disaster. They are the initial contacts in cases of natural disasters. Ham members of clubs contact ham members of other clubs. Club members spell their ham brothers during disasters when they are on the air 24 hours or more at a time. Their contributions are vital."

Hall said when disaster strikes, things like cell phones and Skype are not necessarily going to work.

For a ham radio operator to connect to the world, he said, "All you need is a car battery and a coat hanger, and you can 'MacGyver' it."

Yamamoto said one of the lessons learned through the disaster in Japan is that, "Radio amateurs should have periodic training for well-controlled and reliable disaster communications, even in chaotic situations.

"Amateur radio clubs should coordinate their roles in disaster situations with local rescue and disaster relief organizations, and emergency medical centers," he said.

Bartlett closed his book with a plea to readers to introduce their children to the world of ham radios.

"You will be doing not only your son or daughter a favor but, indirectly, the world at large," he wrote.

[rabiroff@pstripes.osd.mil](mailto:rabiroff@pstripes.osd.mil)

Reprinted here with permission of Stars & Stripes –SRB

## NoGa - North Georgia QRP Club

### QRPTTF2011 - "Outback"

NoGa - The North Georgia QRP Club participated in the 2011 "QRP To The Field" QRPTTF2011 - "Outback".

A total of 7 NoGaNauts were involved and all had a grand time. These included Phil, W3HZZ, Pickett, AD4S, Wey, K8EAB, Norm, WA4ZXV, Newt, K0NWT, Chris, K4HF and Rich, K7SZ.

We started a little later than anticipated as the result of a "Throw Bag" contest. You will see pictures of this prestigious event.

The location was on the back of a private 7.5 acres property adjacent to a 300 acre, undeveloped park property near Dacula.

You can check the results when they are available at:

<http://zianet.com/qrp>

We think we had a very respectable score.

Some of these pictures are the same as those uploaded to the Yahoo Groups but I included them here for folks who are not members of that group. If anyone has any more pictures of this event, send them to me and I will add them to this album..!

*Pickett, AD4S*



# GARS Radio Direction Finding Antenna Build

GARS will be hosting an RDF antenna build of the tape measure yagi.

- June 11<sup>th</sup>, 2011
- 1:00 PM
- Lowes in Suwanee on Lawrenceville Suwanee Rd between Satellite and I85
- The cost is \$12, paid to GARS. Proceeds, if any, will go to the GARS repeater fund.
- Kits will be provided on site including PVC, tape measure tape, clamps, terminated coax, wire, etc.
- Come to build or come to watch



**YOU MUST PRE-REGISTER to build this antenna. The kits must be put together before the events and the coax have to be made, terminated, and soldered.**

Pre-register by using PayPal on the GARS website (<http://www.gars.org/>), or you can pay cash or check to Ralph KJ4CNC in person.

After the antenna build we will have one or two foxes on site so you can test your new antenna.

Other things you will need:

- Handheld Transciever (HT) that has a signal strength meter
- Adapter from your HT's antenna connector to BNC(F).

Most modern HTs have an SMA connector on them, so most HTs will need an adapter to connect to the antenna. If you are unsure what adapter you need, please see our friends at HRO and ask them for the adapter to connect your radio to a BNC(F). The coax from the antenna will be terminated like this which is a BNC Female termination:



So you will probably need an adapter similar to this for your radio:



Please send questions to Joel Barrett W4JOL@arrl.net.

# Dayton Hamvention®

Sponsored by Dayton Amateur Radio Association  
Since 1952

**May 20-22 2011**

**Global Friendship**



For more information: <http://www.hamvention.org/>

---

### The GARzette

The *GARzette* is the official monthly newsletter of the Gwinnett Amateur Radio Society, serving its members and other persons interested in the advancement of the amateur radio art.

Original articles, art, and photos are invited and encouraged. Previously copyrighted submissions cannot be accepted for reprinting unless permission from the appropriate publisher is provided in writing along with the information being submitted. If reprints are from publications allowing their unrestricted use, please include a copy of the printed permission contained in the publication.

If possible bring your articles to the monthly meeting in Microsoft Word or rich text (.rtf) or text or HTML format or by email to n4gyn@arrl.net. Artwork can be accepted in most any graphics format and can be submitted via email to the same address. Alternate means of submittal can be arranged when necessary.

In keeping with the amateur radio spirit, permission is hereby granted for the reproduction of The GARzette articles by other amateur radio club newsletters provided that proper credit is given to the individual author and *The GARzette*.

*The GARzette* is published each month with the assistance of Norm Schklar, who prints and distributes the news letter.  
Deadline for submissions is the 20th of each month for inclusion in the following month's issue.

**Meetings are held on the 2nd Tuesday of each month at 7PM.**

For additional information view our Website at: <http://www.gars.org>

Newsletter Editor: Ray Bailey—N4GYN  
770-689-6620 or n4gyn@arrl.net

## KB6NU's Ham Radio Blog

### So, When Can I Get a 100 W HT?

By KB6NU      Posted: 06 Apr 2011 12:57 PM PDT

From the 4/1/11 issue of *ACM Tech News*:

#### The Incredible Shrinking Circuit

University of Cambridge (03/28/11)

University of Cambridge researchers have developed a technique for producing smaller microchips that can also support extremely high electrical current densities. Led by Cambridge professor John Robertson, the researchers used carbon nanotubes to replace the vertical copper connectors in integrated circuits to build smaller circuits and to reduce the size of electronics even further. They took advantage of the special arrangement of carbon atoms. Normally the atoms are arranged hexagonally and layered in sheets, but in nanotubes the sheets are rolled up to form tiny tubes with diameters equivalent to just a few carbon atoms. To make the approach feasible, the nanotubes would need to be grown in very dense bundles directly onto the substrate. Robertson and colleagues used multiple deposition and the annealing steps to grow nanotube bundles, and the method led to successive increases in nanoparticle density. The researchers say the density of the bundles is five times greater than current technology.

[View Full Article](#)



### Pictures from April GARS Meeting



2 Meter Tape Measure DF Antenna



Certificate of Appreciate to Ralph KJ4CNC



Gift Certificate Winners

# GARS Email Group or Reflector

<http://groups.yahoo.com/group/GARS/>

This is the link to log into the GARS Yahoo Group. If you aren't a member of the group, just click on the URL above and then click on Join This Group! on the main page. Or, use the form on the GARS.org web site.

If you have joined the group, you can Post a message by sending an email to [GARS@yahoogroups.com](mailto:GARS@yahoogroups.com)

The Yahoo Group is for GARS friends and members to share information, ask questions, and make announcements.

This is your group and each member is welcome to post questions or comments relating to amateur radio. Use it! With all the new hams in the area, this is great place to ask for help. There's someone out there reading the emails that can help.

To Learn & Have Fun



- 147.075+ 82.5
- Meetings 2nd Tuesday Jan-Nov
- Multiple nets every week
- Gigantic Field Day
- Large, Active, Diverse Club
- Family Oriented

[www.gars.org](http://www.gars.org)

Hands-Only™  
CPR



1



Call 911

2



Push hard and fast in  
the center of the chest.

Learn more at [handsonlycpr.org](http://handsonlycpr.org)

American Heart  
Association  
  
Learn and Live



(Can you think of a good caption for this cartoon? Send to [srailey@comcast.net](mailto:srailey@comcast.net).  
Best Caption will be published in next newsletter.

# JOIN ARRL - OR - RENEW YOUR ARRL MEMBERSHIP THROUGH GARS

Help the GARS Treasury by applying for ARRL membership or renewing your ARRL membership through GARS. By applying for ARRL membership through GARS we are able to keep \$15.00 of the normal membership fee for our Treasury. We can keep \$2.00 from each renewal.

Show your support for both organizations by applying through GARS.

Ralph Pickwick – KJ4CNC, GARS Treasurer, will have the ARRL applications at the monthly meetings for your use. We only ask that you don't wait till the last minute to renew, as we will only be sending the applications to ARRL on a monthly basis. We will only be accepting personal checks with the applications (no PayPal).

If you have any questions concerning this process, please contact Ralph at [KJ4CNC@arrl.net](mailto:KJ4CNC@arrl.net).



## UPCOMING HAMFEST CALENDAR

### 05/07/2011 | [Hamfest '11](#)

**Location:** Greenville, AL

**Type:** ARRL Hamfest

**Sponsor:** Jim Bell Wireless Association

**Website:** <http://www.k4tns.org>



### 05/07/2011 | [Heart of Georgia Hamfest](#)

**Location:** Byron, GA

**Type:** ARRL Hamfest

**Sponsor:** Central GA ARC, Middle GA Radio Assn., Byron Middle School ARC, & Macon ARC

**Website:** <http://www.wa4ort.com>

### 05/14/2011 | [Ellijay Hamfest](#)

**Location:** Ellijay, GA

**Type:** ARRL Hamfest

**Sponsor:** Ellijay Amateur Radio Society

**Website:** <http://www.ngamtn.com/w4hhh/index.php>

### 05/20/2011 | [Dayton Hamvention](#)

**Location:** Dayton, OH

**Type:** National Hamfest-Convention

**Sponsor:** Dayton Amateur Radio Association

**Website:** <http://www.hamvention.org/>

### 06/04/2011 | [Atlanta Hamfest](#)

**When:** Saturday, June 4, 2011. 8:00AM - 3:00PM.

**Where:** Jim Miller Park located in Marietta, GA.

**Sponsor:** Atlanta Radio Club, W4DOC

**Admission:** Adults \$5 at the gate. Kids 17 and under are free.

**Talk-in:** 146.820(-) PL 146.2Hz, avail. Friday and Saturday.

**Website:** <http://talipsky.com/AtlantaHamfest/>

### 07/30/2011 | [Newton County Hamfest](#)

**Location:** Covington, GA

**Type:** ARRL Hamfest

**Sponsor:** Newton County Radio Club

**Website:** <http://www.ncrcga.org>

### 08/20/2011 | [Alabama State Convention \(Huntsville Hamfest\)](#)

**Location:** Huntsville, AL

**Type:** ARRL Convention

**Sponsor:** Huntsville Amateur Radio Club

**Website:** <http://www.hamfest.org>

### 10/08/2011 | [LaGrange Hamfest](#)

**Location:** LaGrange, GA

**Type:** ARRL Hamfest

# BSA Venture Crew 73 Wants You

If you are between 14 and 21 years old, enjoy outdoor activities, and have an interest in radio technology, Venture Crew 73 is for you.

- Venture Crews are part of the Boy Scouts of America.
- Venture crew 73 is chartered by the Gwinnett Amateur Radio Society.
- Venture crew 73 is coed.
- Meetings are on the second Tuesday of the month, 7:00 p.m., at NAMAR, 2145 Duluth Hwy 120, Duluth, GA 30097.
- Crew 73 is a youth-run organization, which means that our Crew President and other youth plan the Crew's outings and activities each month.

We enjoy:

- o Camping
- o Hiking
- o Horseback Riding
- o Shooting Sports

• Crew activities usually mix high adventure and the use of Amateur Radio.

• For more information, attend our next meeting or contact:

Steve Back, WB2OGY  
Venture Crew 73 Committee Chairman  
Phone: 770-712-9069  
Email: [committeechair@venturecrew73.org](mailto:committeechair@venturecrew73.org)

Jeff Lee, AF4JL  
Venture Crew 73 Advisor  
Phone: 678-475-3165  
Email: [advisor@venturecrew73.org](mailto:advisor@venturecrew73.org)

## GARS Officers and Committee Chairs

Kyle Albritton, W4KDA  
President

Earl Whatley, AF4FG  
Vice President

Hal Collier, W4IGE  
Secretary

Ralph Pickwick, KJ4CNC  
Treasurer, Apparel Manager

Sandy Jackson, KJ4DRO  
Program Manager

Dave Bruse, W4DTR  
Membership Chairman  
VE Team

David Adcock, KA4KKF  
Webmaster, Field Day Chairman

Dorothy Jubon, N2DLJ  
Public Information Officer

Norm Scklar, WA4ZXV  
TechFest Chairman

Ray Bailey, N4GYN  
GARzette Editor

Bill Cherepy, WB4WTN  
W4GR Trustee

Eddie Foust, WD4JEM  
Repeater Chairman

Mike Weathers, ND4V  
WAS-Checker

Scott Brown, KD4YDD  
Net Manager

Mike Swiderski, K4HBI  
Technical Advisor

## GARS Communications

|                  |                  |
|------------------|------------------|
| 2 Meter Repeater | 2 Meter Repeater |
| 147.075(+) MHz   | 147.255(+) MHz   |
| 82.5 PL Tone     | 107.2 PL Tone    |

|                      |                  |
|----------------------|------------------|
| APRS                 | 6 Meter Repeater |
| 144.390 -- 1200 Baud | 53.110 (-1 MHz)  |
| W4GR                 | 82.5 PL Tone     |

|                     |                |
|---------------------|----------------|
| D-Star              | 70 Cm Repeater |
| WD4STR              | 444.525(+) MHz |
| 145.060 + (1.4 MHz) | 82.5 PL Tone   |
| 440.550 + (5 MHz)   |                |

|                           |                             |
|---------------------------|-----------------------------|
| Main Repeater Site        | Backup Repeater Site        |
| Oak Street, Lawrenceville | Lanier Mountain, Snellville |

Your cell-phone's ring tone is your Ham radio call sign, sent in Morse Code  
<http://www.planetofnoise.com/midi/morse2mid.php>

**The following members are celebrating birthdays in May:**

**HAPPY BIRTHDAY!!  
From All of Us at GARS**

| First   | Last        | Callsign |
|---------|-------------|----------|
| Jeff    | Lee         | AF4JL    |
| Paul    | Pescitelli  | K4UJ     |
| George  | May         | KC4ZKT   |
| David   | Mattison    | KD4PCK   |
| Sandra  | Harris      | KF4BUW   |
| Adrian  | Shamblin    | KJ4CUY   |
| Alvin   | Hartley     | KJ4QIA   |
| Kevin   | Whitney     | KJ4SUJ   |
| Mark    | Price       | KK4ATZ   |
| Bill    | Grimes      | KK4AUA   |
| Conor   | Van Vranken | KK4BCF   |
| Randy   | Bassett     | KR4NQ    |
| Steve   | Garrison    | N4SEG    |
| Robert  | Sanctuary   | N4YWR    |
| Timothy | McFadden    | N8NYH    |
| Jess    | Vics        | W2KVN    |
| Milt    | Webb        | WA4FNG   |

**GARS Recurring Calendar**

- Monthly club meeting is the 2nd Tuesday of the month at 7 p.m. Check the website <http://www.gars.org> for location.
- Every Monday at 8 p.m.: GARS Want, Swap, Sell, and Information Net on the GARS 2-meter repeater.
- Every Wednesday at 9 p.m.: GARS 6-meter net on the GARS 6-meter repeater.
- Every Saturday at 7:30 a.m.: GARS Weekly Family Breakfast, Golden Corral Restaurant, Riverside Drive, Lawrenceville.

**Meeting Minutes  
GARS General Meeting April 12, 2011**

1. Kyle Albritton, W4KDA, President, called the meeting to order at 7:02 pm.

2. Introductions of first time visitors and others present were made.

3. Business:

Treasurer's Report - Ralph Pickwick, KJ4CNC,

GARS field day t-shirts — can be purchased from the GARS website. The shirts will be red with pockets and cost \$12.

4. Committee Reports:

**Membership** – Dave Bruse, W4DTR, reported the following: Gerrit Van Vranken, N0GVV, voted in as a new member

**Repeater** – Eddie Foust, WD4JEM, reported the following:

Snellville receiver is having issues.

Equipment for Goshen Springs has been speced out.

5. Sandy Jackson, KJ4DRO, announced the programs for upcoming meetings:

◆ May program will be "King Spark and Blue Lightning" given by Hal Kennedy, N4GG.

◆ June program will be "Getting Ready For Field Day" and Ice Cream Social.

6. Kyle Albritton, W4KDA, announced that the new GARS meeting location will be at NAMAR located at 2145 Duluth Hwy, Duluth, GA. It is just west of Satellite Blvd. Please park in the rear and walk to the front door. The May GARS meeting will be held at NAMAR.

◆ The GA QSO Party went well at the Greene County location.

◆ Earl Whatley, AF4FG, reminded everyone that GARS will be assisting with the Dacula Memorial Day Parade on May 30<sup>th</sup>. Volunteers are needed to help marshal the parade entries.

7. John Davis, WB4QDX, announced that there will be a D-Star conference on April 23<sup>rd</sup> at GA Gwinnett College. Anyone interested should register on [www.dstarinfo.com](http://www.dstarinfo.com). There is a \$25 fee and lunch is included.

8. Kyle Albritton, W4KDA, announced that Scott Brown, KD4YDD, is the new GARS net manager.

9. The executive committee voted to donate \$150 to the T32C Kiritmati (Christmas Island) DXpedition.

10. Kyle Albritton, W4KDA, reminded everyone that there will be a fox hunt/antenna build on June 11<sup>th</sup> at 1pm. It will be held at the Lowes at 3260 Lawrenceville Suwanee Rd in Suwanee. Attendees must pre-register on GARS website so kit parts can be assembled. Kits cost \$12 and can be purchased on the GARS website via Paypal..

11. Break

David Harden, KJ4CMY, announced a forum for new hams...

## Meeting Minutes Cont'd

.....on the subject of "VHF Point to Point Propagation"

12. The program was "Elmers and Mentors, or How I Became a Gentleman Antenna Farmer" given by Ralph Pickwick, KJ4CNC.

13. Prize drawings.

The meeting was adjourned at 8:40 pm.

*Hal Collier W4IGE, Secretary*



## What's new on the WEB SITE?

- ◆ You should notice a change to the user menu. It will change when you log in to give you more options.
- ◆ The Apparel link now features PAYPAL to order your GARS Apparel, as well as downloading an order form.
- ◆ Are you using the web site to renew your membership? You can use PayPal to renew only your GARS membership or become a new member.
- ◆ The ARRL renewal must be done in person with the Treasurer.
- ◆ Do you get the GARZETTE from the web site? It's in the File Download menu selection in the Newsletter Folder.

*73, David KA4KKF*

## Gwinnett Amateur Radio Society

[Today](#) [◀](#) [▶](#) [May 2011](#) ▾

## CALENDAR OF EVENTS

[Print](#) [Week](#) [Month](#) [Agenda](#) ▾

| Sun                                      | Mon   | Tue   | Wed   | Thu | Fri   | Sat                             |
|--|---|---|-------|-----|---|---------------------------------|
|  | May 1<br>8pm GARS 2m Net<br>9pm ARES 2m NET | 2<br>6:30pm GARS Exec Meeting<br>9pm GARS ROUND TABLE N | 3     | 4   | 5   | 6<br>7:30am Breakfast at Golden |
| 8<br>8pm GARS 2m Net<br>9pm ARES 2m NET  | 9<br>7pm GARS Meeting<br>New Location       | 10<br>8pm GARS ROUND TABLE N                            | 11    | 12  | 13<br>7:30am Breakfast at Golden                            | 14                              |
| 15<br>8pm GARS 2m Net<br>9pm ARES 2m NET | 16  | 17<br>8pm GARS ROUND TABLE N                            | 18    | 19  | 20<br>7:30am Breakfast at Golden                            | 21                              |
| 22<br>8pm GARS 2m Net<br>9pm ARES 2m NET | 23  | 24<br>8pm GARS ROUND TABLE N                            | 25    | 26  | 27<br>7:30am Breakfast at Golden                            | 28                              |
| 29<br>8pm GARS 2m Net<br>9pm ARES 2m NET | 30  | 31<br>Jun 1<br>8pm GARS ROUND TABLE N                   | Jun 1 | 2   | 3<br>ARC HAMFEST @ Jim Miller<br>7:30am Breakfast at Golden | 4                               |

Events shown in time zone: Eastern Time

[+ Google Calendar](#)

Find this calendar on our website at: [http://www.gars.org/joomla/index.php?option=com\\_wrapper&view=wrapper&Itemid=57](http://www.gars.org/joomla/index.php?option=com_wrapper&view=wrapper&Itemid=57)



## Metro Testing Sessions

GARS publishes Metro Atlanta VE exam schedules as a service and is not responsible for errors or changes. Call and confirm schedules before going. All sessions are walk-in. Take copies of current license and certificate of completed elements with you to all sessions. Find additional sessions online at <http://www.arrl-ga.org>.

### First Sunday, ODD Months

2 p.m. (Jan, Mar, May, Jul, Sep, & Nov)  
WCARS VEC  
Braselton Public Utility Building  
4986 Highway 53, Braselton, GA  
Roger Gibson, WB4T  
(770) 271-4210 or (770) 712-9560

### First Sunday, EVEN Months

2 p.m. (Feb, Apr, Jun, Aug, Oct, Dec)  
WCARS VEC  
Johnson High School  
3305 Poplar Springs Rd, Gainesville, GA  
Perry Roper, KO4RD  
(770) 536-3056

### Second Saturday, ODD Months

ARRL VEC  
8:30 a.m.  
Stone Mountain Methodist Church  
5312 West Mountain St.  
Stone Mountain  
Bob Varone, W4ETN  
(770) 978-3179

### Third Saturday

VEC: CA  
9 a.m.  
Marietta First United Methodist Church  
Room 305  
56 Whitlock Avenue  
Marietta, GA  
Larry Huff, WA4CQZ  
(707) 955-3171

### Third Saturday

VEC: W5YI  
3 p.m. (Except December)  
Auburn City Hall Council Room  
1369 Fourth Avenue  
Auburn, GA  
Steve Donellan, N5SMD  
(404) 520-0368

### Third Sunday

W5YI VEC  
3 p.m.  
Lawrenceville Masonic Lodge  
465 S. Perry St.  
Lawrenceville, GA 30044  
Frank Sauciunas, KF4TQV  
(770) 963-5721

*(cont. next column)*

## Ham Exam results for April 2011

We had six VE's present at the April exam session.

### VE's present:

|                 |        |
|-----------------|--------|
| Frank Sauciunas | KF4TQV |
| David Bruse     | W4DTR  |
| Bill Cherepy    | WB4WTN |
| Brian Page      | N4TRB  |
| Laurence Whited | WB4FGF |
| Karen Prescott  | WJ4VQI |

We had four people take their exams.

### Exam results:

2 failed Technician  
1 passed Technician, but failed General  
1 passed Extra

Thanks to all the Volunteer Examiners that help keep Amateur Radio alive and well.

73, *Frank Sauciunas* KF4TQV

## Metro Club Meetings

### First Tuesday

Kennehoochee ARC  
Southern Polytechnic State University  
Meeting begins at 7:30 PM  
Talk In 146.880(-)

### First Thursday

Atlanta Radio Club  
Georgia Red Cross HQ  
1955 Monroe Dr., Atlanta  
Meeting is at 7:30 PM  
Talk In -146.820(-)  
N.E. Georgia ARC  
Commerce Public Library  
Meeting is at 6:30 PM  
Talk In - 147.225(+)  
PL 123.0

### Second Monday

Georgia Tech ARC  
Room W218  
Van Leer Electrical Engineering Bldg.  
Georgia Tech Campus  
Meeting at 7:00 PM

### Second Thursday

Alford Memorial Radio Club  
Annistown Road Baptist Church  
Intersection of Annistown Rd & Spain Rd  
Stone Mountain  
Dinner at 6:00 PM  
Meeting at 7:30 PM  
Talk In - 146.760(-)

### Second Saturday

North GA QRP Club  
Board Room of The Shepherd Center at 2020 Peachtree Rd, NW, Atlanta at 10:00 AM

### Third Tuesday

North Fulton Amateur Radio League  
Masonic Lodge  
194 Milton Avenue  
Alpharetta, Georgia meeting at 7:30 PM  
Talk In - 145.47(-)

For more, go to: <http://www.gars.org/>

**GARS**  
**APPAREL ORDER FORM**

NAME: \_\_\_\_\_

PHONE # \_\_\_\_\_

(To avoid errors, please PRINT legibly)

CALL: \_\_\_\_\_

NAME TO BE EMBROIDERED: \_\_\_\_\_

CALL SIGN TO BE EMBROIDERED: \_\_\_\_\_

| ITEM   | SIZ<br>E | QUANTITY | PRICE   | TOTAL |
|--|----------|----------|---------|-------|
| <b>T-SHIRT</b>                               |          |          |         |       |
| Red WITHOUT name & call                      |          |          | \$20.00 |       |
| White WITHOUT name & call                    |          |          | \$20.00 |       |
| Red WITH name & call                         |          |          | \$20.00 |       |
| White WITH name & call                       |          |          | \$20.00 |       |
| <b>GOLF SHIRT -- WITHOUT name &amp; call</b> |          |          |         |       |
| Red  |          |          | \$24.00 |       |
| White  |          |          | \$24.00 |       |
| <b>GOLF SHIRT -- WITH name &amp; call</b>    |          |          |         |       |
| Red  |          |          | \$28.00 |       |
| White  |          |          | \$28.00 |       |
| <b>SWEATSHIRT</b>                            |          |          |         |       |
| Red WITHOUT name & call                      |          |          | \$30.00 |       |
| White WITHOUT name & call                    |          |          | \$30.00 |       |
| Red WITH name & call                         |          |          | \$30.00 |       |
| White WITH name & call                       |          |          | \$30.00 |       |
| <b>LIGHTWEIGHT JACKET -- RED ONLY</b>        |          |          |         |       |
| WITHOUT name & call                          |          |          | \$31.00 |       |
| WITH name & call                             |          |          | \$35.00 |       |
| <b>HEAVYWEIGHT JACKET -- RED ONLY</b>        |          |          |         |       |
| WITHOUT name & call                          |          |          | \$41.00 |       |
| WITH name & call                             |          |          | \$45.00 |       |
| <b>GARS BADGE -- WITH name &amp; call</b>    |          |          | \$9.00  |       |
| <b>HAT -- WITHOUT name &amp; call</b>        |          |          |         |       |
| Red  |          |          | \$9.00  |       |
| White  |          |          | \$9.00  |       |
| <b>HAT -- WITH name &amp; call</b>           |          |          |         |       |
| Red  |          |          | \$16.00 |       |
| White  |          |          | \$16.00 |       |

**TOTAL ORDER PRICE:** \_\_\_\_\_

Please attach your check made payable to GARS and return to Ralph Pickwick, KJ4CNC or mail to:

**GARS**

**P.O. Box 88**

**Lilburn, Georgia 30048**

**NOTE:** Please allow at least 4 weeks for delivery of items. Some items may need to be special ordered.

Thanks and 73s! -- Ralph KJ4CNC

# GWINNETT AMATEUR RADIO SOCIETY

P.O. BOX 88

LILBURN, GA 30048

## MEMBERSHIP APPLICATION



- NEW MEMBER
- RENEWAL

Name: \_\_\_\_\_ Call Sign: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Email: \_\_\_\_\_

Home Phone: \_\_\_\_\_ Cell Phone: \_\_\_\_\_

Work Phone: \_\_\_\_\_

Date of Birth: \_\_\_\_ / \_\_\_\_ / \_\_\_\_ (mm/dd/yyyy) ARRL Member (circle one): Yes No Life

Interests: \_\_\_\_\_

### Type of Membership

- Individual \$30.00 annually
- Student \$15.00 annually
- Senior \$15.00 annually (over age 65)
- Family \*\* \$35.00 annually

*\*\* Available for family members residing at the same address*

### Optional Contributions

Repeater Fund: \$ \_\_\_\_\_

Scholarship Fund: \$ \_\_\_\_\_

### Additional Family Members \*\*

Name: \_\_\_\_\_ Call Sign: \_\_\_\_\_

Date of Birth: \_\_\_\_ / \_\_\_\_ / \_\_\_\_ (mm/dd/yyyy) ARRL Member (circle one): Yes No Life

Name: \_\_\_\_\_ Call Sign: \_\_\_\_\_

Date of Birth: \_\_\_\_ / \_\_\_\_ / \_\_\_\_ (mm/dd/yyyy) ARRL Member (circle one): Yes No Life

I agree to abide by the By-Laws of the Gwinnett Amateur Radio Society and understand that membership is subject to the approval of the Club.

Applicant's Signature: \_\_\_\_\_ Date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_

### FOR OFFICIAL USE ONLY:

App Received: \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Cash  Check #: \_\_\_\_\_

Amount Received: \$ \_\_\_\_\_

Recorded In Membership Database

Member Approved: \_\_\_\_ / \_\_\_\_ / \_\_\_\_

New Exp Date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Old Exp Date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Revised 10/14/2010



## PRUDENTIAL GEORGIA REALTY

SHARON ADCOCK

404-428-9127

[sharon@sharonadcock.com](mailto:sharon@sharonadcock.com)

You need an expert on your team  
when buying or selling real estate.  
10+ years experience of listening  
and filling YOUR needs.



[www.sharonadcock.prudentialgeorgia.com](http://www.sharonadcock.prudentialgeorgia.com)

GARS Specialist

Top Negotiator

Top Agent



Helping hams with the sale and purchase  
of their properties takes extra time, effort  
and dedication. Not every agent is willing  
to make that commitment. Call me for when  
you or your friends and family are ready to  
make a move

References available upon request.

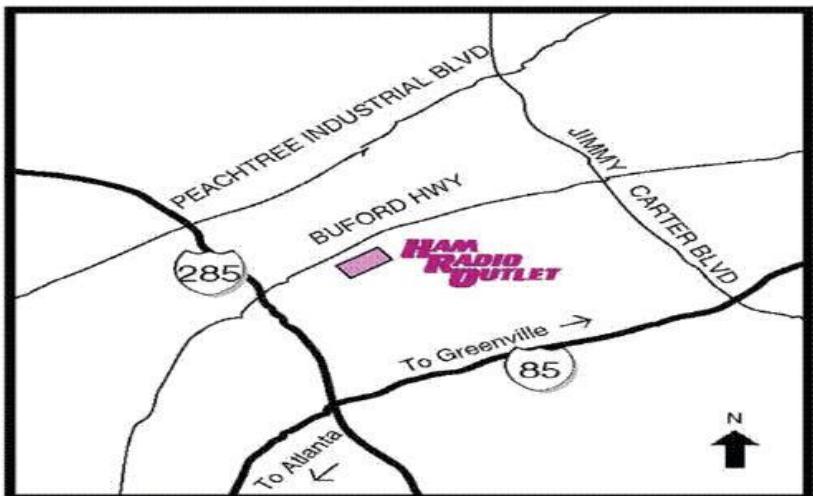
## WORLD WIDE DISTRIBUTION



Mark Holmes  
Manager  
KJ4VO

6071 Buford Highway  
Atlanta, GA 30340 (Doraville)  
770-263-0700 1-800-444-7927  
Fax: 770-263-9548  
[e-mail: atlanta@hamradio.com](mailto:atlanta@hamradio.com)  
hours: 10 a.m. - 5:30 p.m. Mon.-Sat.

John, KI4LMA    Bill, W5RQR    David, AI4XL    Tom, KB4HQA  
Dale, W4GCL    Jim, N1ABM    Josh, W4JDH    Brian, WD4DX



Alinco  
Icom  
Japan Radio Corp.  
Premier  
ADI  
Yaesu  
Alpha Delta  
Arrow  
Butternut  
Create  
Kenwood  
Tarheel  
Heil  
West Mountain

Cushcraft  
Diamond  
Force 12  
Hustler  
Hy-Gain (Telex)  
KLM  
Larsen  
M2  
Valor  
Van Gorden  
MFJ  
Ameritron  
Comet